

Prof. Dr. Volker Hessel studied chemistry at Mainz University (PhD in organic chemistry, 1993). In 1994 he entered the Institut für Mikrotechnik Mainz GmbH. In 2002, Prof. Hessel was appointed Vice Director R&D at IMM and in 2007 as Director R&D. In 2005 and 2011, Prof. Hessel was appointed as Part-time and Full Professor at Eindhoven University of Technology, respectively. He was Honorary Professor at TU Darmstadt, Germany 2009-2018, and is Guest Professor at Kunming University of Science and Technology, China (2011-). In 2018, Prof. Hessel was appointed as Deputy Dean (Research) and Full Professor at the School of Chemical Engineering in the ECMS Faculty at the University of Adelaide, Australia. He is (co-)author of > 450 peer-reviewed (h-index: 54). He received the AIChE Award “Excellence in Process Development Research” in 2007, the ERC Advanced Grant “Novel Process Windows” in 2010, the ERC Proof of Concept Grant in 2017, the IUPAC ThalesNano Prize in Flow Chemistry in 2016, the FET OPEN Grant in 2016, and the ERC Synergy Grant 2018. He was authority in the 35-man teamed Parliament Enquete Commission "Future of the Chemical Industry" in Nordrhein-Westfalia. Prof. Hessel also serves for the Science Advisory Board for the GSK-Singapore Partnership for Green and Sustainable Manufacturing, run by Glaxo-Smith-Kline (GSK) and Singapore Economic Development Board (EDB); at present 18 projects.

Title of the conference: “Disruptive technology scenarios opened by flow chemistry and process intensification for industry transformation.”